Creating or dropping a Text index fails with errors: ORA-04063: package body "CTXSYS.DRIXMD" has errors (Doc ID 1375052.1)

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APPLIES TO:

Oracle Text - Version 11.2.0.1 and later
Information in this document applies to any platform.
Checked for relevance on 11-Apr-2013

SYMPTOMS

Creating a Text index fails with errors:

```
SQL> CREATE INDEX quick_text
  2 on quick ( text )
  3 INDEXTYPE IS CTXSYS.CONTEXT;
CREATE INDEX quick_text
*
ERROR at line 1:
ORA-29855: error occurred in the execution of ODCIINDEXCREATE routine
ORA-04063: package body "CTXSYS.DRIXMD" has errors
ORA-06508: PL/SQL: could not find program unit being called: "CTXSYS.DRIXMD"
ORA-06512: at "CTXSYS.DRUE", line 145
ORA-06512: at "CTXSYS.TEXTINDEXMETHODS", line 366
ORA-04063: package body "CTXSYS.DRIXMD" has errors
ORA-06508: PL/SQL: could not find program unit being called: "CTXSYS.DRIXMD"
```

Dropping a Text index also fails with errors:

```
SQL> drop index text_idx;
drop index text_idx
*
ERROR at line 1:
ORA-29856: error occurred in the execution of ODCIINDEXDROP routine
ORA-04063: package body "CTXSYS.DRIXMD" has errors
ORA-06508: PL/SQL: could not find program unit being called: "CTXSYS.DRIXMD"
ORA-06512: at "CTXSYS.DRUE", line 145
ORA-06512: at "CTXSYS.TEXTINDEXMETHODS", line 728
ORA-06510: PL/SQL: unhandled user-defined exception
ORA-06512: at "CTXSYS.DRVDDL", line 1067
ORA-06510: PL/SQL: unhandled user-defined exception
ORA-04063: package body "CTXSYS.DRIXMD" has errors
ORA-06508: PL/SQL: could not find program unit being called: "CTXSYS.DRIXMD"
```

dba_objects shows CTXSYS.DRIXMD is INVALID and fails when compiled:

```
SQL> SELECT OWNER, OBJECT_NAME, OBJECT_TYPE
  2 FROM DBA_OBJECTS
  3 WHERE STATUS = 'INVALID'
```

```
   4 ORDER BY OWNER, OBJECT_NAME, OBJECT_TYPE;

OWNER                  OBJECT_NAME                      OBJECT_TYPE
-------------------    ------------------------------   -------------------
CTXSYS                 DRIXMD                           PACKAGE BODY


SQL> alter package ctxsys.drixmd compile body;

Warning: Package Body altered with compilation errors.

SQL> show errors
Errors for PACKAGE BODY CTXSYS.DRIXMD:

LINE/COL ERROR
--------  -----------------------------------------------------------------
3482/3    PL/SQL: SQL Statement ignored
3482/37   PL/SQL: ORA-00942: table or view does not exist
```

Select on dba_tab_privs shows CTXSYS is missing the SELECT privilege on sys.SNAP$:

```
SQL> select 'TABLE' typ, grantee grantee, privilege priv,
  2        table_name tabnm, owner owner
  3  from dba_tab_privs
  4  where grantee='CTXSYS'
  5    and table_name like 'SN%'
  6  order by tabnm;

no rows selected
```

CAUSE

The SELECT privilege on sys.SNAP$ was revoked from CTXSYS.

SOLUTION

Re-grant the SELECT privilege on sys.SNAP$ to CTXSYS, then recompile CTXSYS.DRIXMD:

```
connect / as sysdba
grant SELECT on SNAP$ to CTXSYS;
alter package ctxsys.drixmd compile body;
```
   Didn't find what you are looking for?